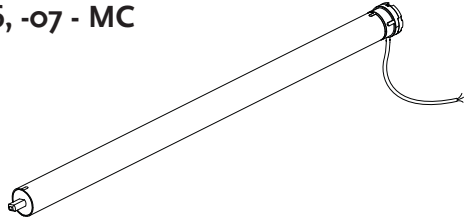


Assembly Manual

AC Tubular motors

ABC-06, -07 - MC



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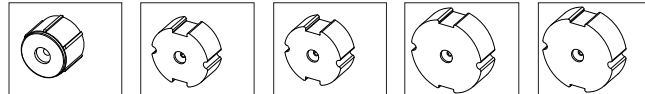
1. Assembly

1.1 Compatibility and adapters

System:	Tube:	Motor	
		Drive plug:	Adapter:
Roller 42mm	RTU-42	RCU-29-ABC	no adapters
Roller 50mm	RTU-50	RCU-29-ABC	no adapters
Roller 65mm	RTU-65	RCU-30-ABC	RCU-13
Roller 80mm	RTU-80	RCU-31-ABC	RCU-14

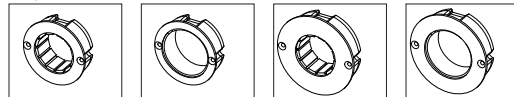
1.2 Component overview

Drive plugs:



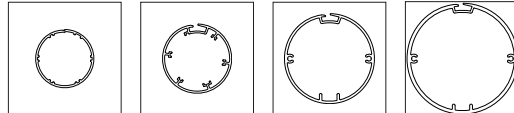
RCU-29-ABC RCU-30-ABC RCU-32-ABC RCU-31-ABC RCU-33-ABC

Adapters:



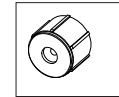
RCU-13 RCU-13-ABC RCU-14 RCU-14-ABC

Tubes:

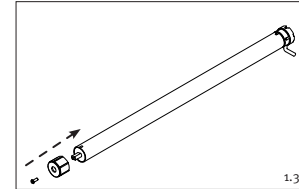


RTU-42 RTU-50 RTU-65 RTU-80

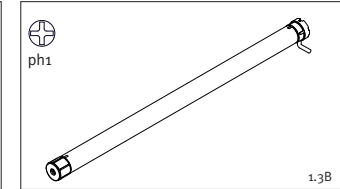
1.3 Motor assembly Roller 42/50mm



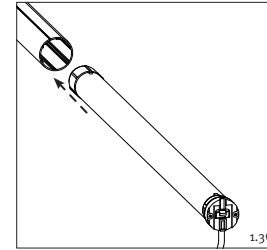
RCU-29-ABC



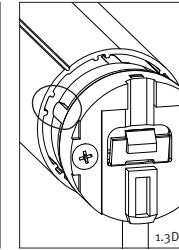
1.3A



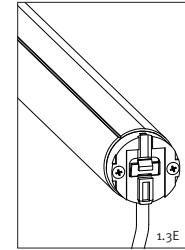
1.3B



1.3C

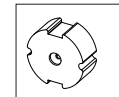


1.3D

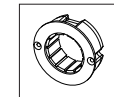


1.3E

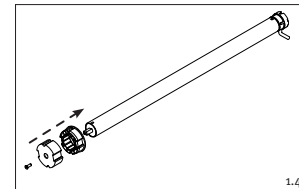
1.4 Motor assembly Roller 65/80mm



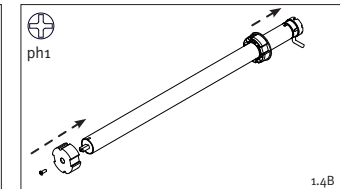
RCU-30/31/32/33-ABC



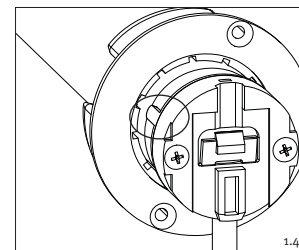
RCU-13/14



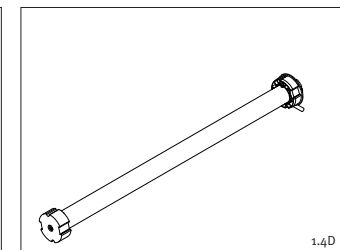
1.4A



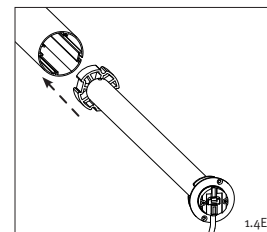
1.4B



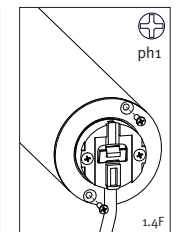
1.4C



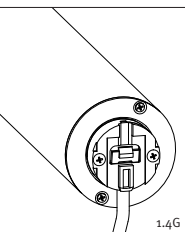
1.4D



1.4E

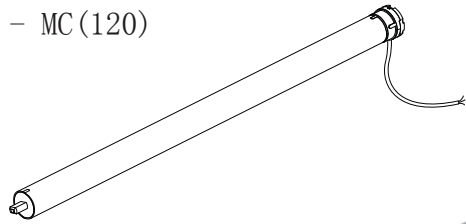


1.4F



1.4G

User Manual
AC Tubular motors
ABC-06, -07 - MC(120)



coulisse

WARNING: Important safety instructions. Follow all instructions, since incorrect installation can lead to severe injury.

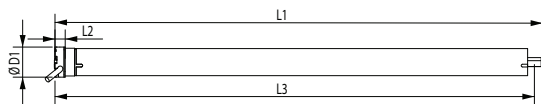
WARNING: Do not make repairs yourself. Do not attempt to open the device or disassemble it. You run the risk of electric shock and voiding the limited warranty. No user-serviceable parts are inside.



1. General information

The ABC-06-MC(120), ABC-07-MC(120) are tubular motors to motorize Coulisse Absolute Roller. The tubular motors are compatible with Coulisse tubes and makes it possible to operate your blind motorised with minimum noise.

1.1 General dimensions



Type	L1	L2	L3	Ø D1
ABC-06/07-MC(120)	475	17	460	40

1.2 Performances

Type	Power supply	Rated power	Torq - rpm	Max. revolutions	Weight [gram]	IP
ABC-06-MC	230V AC 50Hz	0.53A - 121W	5Nm - 30 rpm	30	1750	44
ABC-07-MC	230V AC 50Hz	0.53A - 121W	10Nm - 15 rpm	30	1750	44
ABC-06-MC(120)	120V AC 60Hz	0.85A - 102W	6Nm - 33 rpm	30	1750	44
ABC-07-MC(120)	120V AC 60Hz	0.89A - 92W	10Nm - 21 rpm	30	1750	44

General	
Max. operating time	4 min.
Operating Temp.	5 - 60° C
Length wire	2 m tr

1.3 Compatibility

Type	Roller	Venetian	Other
ABC-06-MC(120)	42, 50, 65, 80mm	-	roman
ABC-07-MC(120)	42, 50, 65, 80mm	50mm tilt and lift	roman

2. Connecting diagram



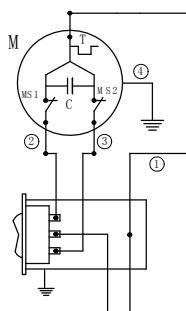
IMPORTANT: When the mains cable is permanently connected, a readily accessible disconnect device shall be incorporated external to the motor.

When there is a pluggable connector installed on the mains cable, the socket-outlet shall be installed near the motor and shall be easily accessible.



Attention:

- Do not wire two or more motors to one single pole switch or relay.
- Do not control one motor from several locations without using a proper controller.
- Do not connect the brown wire and the black wire at the same time to the powersource, this may permanently damage the motor.



Mains cable	230V	120V
Neutral (1)	Blue	White
Direction 1 (2)	Brown	Red
Direction 2 (3)	Black	Black
Ground (4)	Green/Yellow	Green

FCC STATEMENT

1. This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

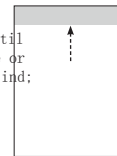
- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

2. Changes or modifications not expressly approved by the party responsible for compliance could void the users authority to operate the equipment.

3. Position adjustment

1. Upper position

Turn the switch upwards and turn the white or red screw until the blind has reached the upper position (select the white or red screw depending on the position of the motor in the blind; you need to test this in order to make the selection). The upper position is now set.



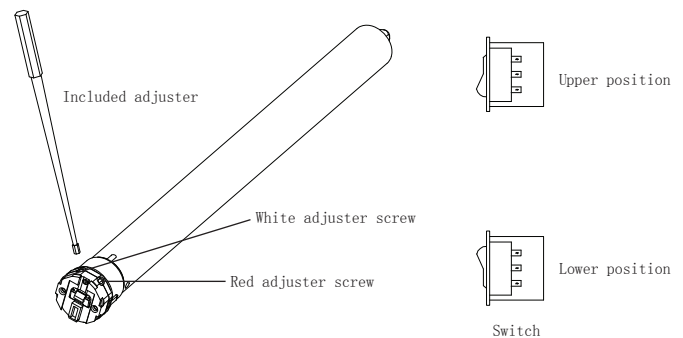
2. Lower position

Turn the switch downwards and turn the white or red screw until the blind has reached the lower position (select the white or red screw depending on the position of the motor in the blind; you need to test this in order to make the selection). The lower position is now set.



3. Changing positions:

By turning the red or the white screw to the right (+) or to the left you can respectively enlarge the end position or make it smaller.



4. Tips & Troubleshooting

Please check www.coulisse.nl for the latest tips and troubleshooting guide

5. Safety & Cleaning

WARNING: Do not make repairs yourself. Do not attempt to open the device or disassemble it. You run the risk of electric shock and voiding the limited warranty. No user-serviceable parts are inside.

- Do not let children play with the blind and/or remote control.
- Only use powersupplies or batteries that comply with the instructions on the motor.
- In case of malfunction, unplug the device or remove the batteries and contact your dealer.
- Take care that the blind can move freely and is not blocked by objects.
- Take care that the powersupply cable is out of reach for children.
- Do not paint the device.
- Keep the device dry.

Follow these general rules when cleaning the outside of the device and its components:

- Make sure the device is unplugged.
- Use a damp, soft, lint-free cloth. Avoid getting moisture in openings.
- Don't use aerosol sprays, solvents, alcohol, or abrasives.

6. Service & Support

WARNING: Do not make repairs yourself. Do not attempt to open the device or disassemble it. You run the risk of electric shock and voiding the limited warranty. No user-serviceable parts are inside.

Online Resources

For the latest information and updated manuals go to www.coulisse.nl.

Obtaining Warranty Service

First follow the advice in this booklet and then go to your local dealer.

If the product appears to be damaged or does not function properly, go to your local dealer for instructions on how to obtain warranty service.

Disclaimer:

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Coulisse B.V. reserves the right to revise the manual and to revise and/or changes its content at any time, without obligation any person or entity of such revisions or changes.

The most recent version replaces older versions of this manual. The most recent version is available at www.coulisse.com or contact your Coulisse contact person.

We invite you to send remarks and comments about this manual to Coulisse at manuals@coulisse.com.

coulisse

Coulisse B.V., Vonderweg 48, 7468 DC Enter, The Netherlands

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.